Flexagons are shapes with an “impossible” number of faces! Today we will focus on the TriHexaFlexagon, which has three faces. Learn how to make one, and how to find each face!

Mission: Impossible Geometry
Welcome to Topology!

Topologists study properties of spaces under continuous deformations - analogous to playing with Play-Doh by stretching and bending - just don’t rip any pieces off! Topology is sometimes called “Rubber Sheet Geometry.”

Continuous deformations are called “homeomorphisms.” They allow us to do interesting things, such as turn a mug into a doughnut, or group letters of the alphabet!

To a Topologist, a coffee mug is equivalent to a doughnut!

The letters A, C, D, E, H, P are missing from the groups below. Where do they belong?

{R}, {B}, {O}, {F, T, Y}, {K}, {X},
{G, I, J, L, M, N, S, U, V, W, Z}, {Q}